

**2SSB 5854 - S AMD 144**

By Senators Kilmer, Hargrove, Rockefeller

ADOPTED 03/10/2009

1 Strike everything after the enacting clause and insert the  
2 following:

3 "NEW SECTION. **Sec. 1.** The legislature finds that energy  
4 efficiency is the cheapest, quickest, and cleanest way to meet rising  
5 energy needs, confront climate change, and boost our economy. More  
6 than thirty percent of Washington's greenhouse gas emissions come from  
7 energy use in buildings. Making homes, businesses, and public  
8 institutions more energy efficient will save money, create good local  
9 jobs, enhance energy security, reduce pollution that causes global  
10 warming, and speed economic recovery while reducing the need to invest  
11 in costly new generation. Washington can spur its economy and assert  
12 its regional and national clean energy leadership by putting efficiency  
13 first. Washington can accomplish this by: Promoting super efficient,  
14 low-energy use building codes; requiring disclosure of buildings'  
15 energy use to prospective buyers; making public buildings models of  
16 energy efficiency; financing energy saving upgrades to existing  
17 buildings; and reducing utility bills for low-income households.

18 NEW SECTION. **Sec. 2.** The definitions in this section apply to  
19 sections 1 through 3 and 5 through 8 of this act and RCW 19.27A.020  
20 unless the context clearly requires otherwise.

21 (1) "Benchmark" means the energy used by a facility as recorded  
22 monthly for at least one year and the facility characteristics  
23 information inputs required for a portfolio manager.

24 (2) "Conditioned space" means conditioned space, as defined in the  
25 Washington state energy code.

26 (3) "Consumer-owned utility" includes a municipal electric utility  
27 formed under Title 35 RCW, a public utility district formed under Title  
28 54 RCW, an irrigation district formed under chapter 87.03 RCW, a  
29 cooperative formed under chapter 23.86 RCW, a mutual corporation or

1 association formed under chapter 24.06 RCW, a port district formed  
2 under Title 53 RCW, or a water-sewer district formed under Title 57  
3 RCW, that is engaged in the business of distributing electricity to one  
4 or more retail electric customers in the state.

5 (4) "Cost-effectiveness" means that a project or resource is  
6 forecast:

- 7 (a) To be reliable and available within the time it is needed; and
- 8 (b) To meet or reduce the power demand of the intended consumers at  
9 an estimated incremental system cost no greater than that of the least-  
10 cost similarly reliable and available alternative project or resource,  
11 or any combination thereof.

12 (5) "Council" means the state building code council.

13 (6) "Department" means the department of community, trade, and  
14 economic development.

15 (7) "Embodied energy" means the total amount of fossil fuel energy  
16 consumed to extract raw materials and to manufacture, assemble,  
17 transport, and install the materials in a building and the life-cycle  
18 cost benefits including the recyclability and energy efficiencies with  
19 respect to building materials, taking into account the total sum of  
20 current values for the costs of investment, capital, installation,  
21 operating, maintenance, and replacement as estimated for the lifetime  
22 of the product or project.

23 (8) "Energy consumption data" means the monthly amount of energy  
24 consumed by a customer as recorded by the applicable energy meter for  
25 the most recent twelve-month period.

26 (9) "Energy service company" has the same meaning as in RCW  
27 43.19.670.

28 (10) "General administration" means the department of general  
29 administration.

30 (11) "Greenhouse gas" and "greenhouse gases" includes carbon  
31 dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons,  
32 and sulfur hexafluoride.

33 (12) "Investment grade energy audit" means an intensive engineering  
34 analysis of energy efficiency and management measures for the facility,  
35 net energy savings, and a cost-effectiveness determination.

36 (13) "Investor-owned utility" means a corporation owned by  
37 investors that meets the definition of "corporation" as defined in RCW

1 80.04.010 and is engaged in distributing either electricity or natural  
2 gas, or both, to more than one retail electric customer in the state.

3 (14) "Major facility" means any publicly owned or leased building,  
4 or a group of such buildings at a single site, having ten thousand  
5 square feet or more of conditioned floor space.

6 (15) "National energy performance rating" means the score provided  
7 by the energy star program, to indicate the energy efficiency  
8 performance of the building compared to similar buildings in that  
9 climate as defined in the United States environmental protection agency  
10 "ENERGY STAR® Performance Ratings Technical Methodology."

11 (16) "Net zero energy use" means a building with net energy  
12 consumption of zero over a typical year.

13 (17) "Portfolio manager" means the United States environmental  
14 protection agency's energy star portfolio manager or an equivalent tool  
15 adopted by the department.

16 (18) "Preliminary energy audit" means a quick evaluation by an  
17 energy service company of the energy savings potential of a building.

18 (19) "Qualifying public agency" includes all state agencies,  
19 colleges, and universities.

20 (20) "Qualifying utility" means a consumer-owned or investor-owned  
21 gas or electric utility that serves more than twenty-five thousand  
22 customers in the state of Washington.

23 (21) "Reporting public facility" means any of the following:

24 (a) A building or structure, or a group of buildings or structures  
25 at a single site, owned by a qualifying public agency, that exceed ten  
26 thousand square feet of conditioned space;

27 (b) Buildings, structures, or spaces leased by a qualifying public  
28 agency that exceeds ten thousand square feet of conditioned space,  
29 where the qualifying public agency purchases energy directly from the  
30 investor-owned or consumer-owned utility;

31 (c) A wastewater treatment facility owned by a qualifying public  
32 agency; or

33 (d) Other facilities selected by the qualifying public agency.

34 (22) "State portfolio manager master account" means a portfolio  
35 manager account established to provide a single shared portfolio that  
36 includes reports for all the reporting public facilities.

1        NEW SECTION.     **Sec. 3.**     (1) The department shall develop and  
2 implement a strategic plan for enhancing energy efficiency in and  
3 reducing greenhouse gas emissions from homes, buildings, districts, and  
4 neighborhoods. The strategic plan must be used to help direct the  
5 future code increases in RCW 19.27A.020, with targets for new buildings  
6 consistent with section 5 of this act. The strategic plan will  
7 identify barriers to achieving net zero energy use in homes and  
8 buildings and identify how to overcome these barriers in future energy  
9 code updates and through complementary policies.

10        (2) The department must complete and release the strategic plan to  
11 the legislature and the council by December 31, 2010, and update the  
12 plan every three years.

13        (3) The strategic plan must include recommendations to the council  
14 on energy code upgrades. At a minimum, the strategic plan must:

15        (a) Consider development of aspirational codes separate from the  
16 state energy code that contain economically and technically feasible  
17 optional standards that could achieve higher energy efficiency for  
18 those builders that elected to follow the aspirational codes in lieu of  
19 or in addition to complying with the standards set forth in the state  
20 energy code;

21        (b) Determine the appropriate methodology to measure achievement of  
22 state energy code targets using the United States environmental  
23 protection agency's target finder program or equivalent methodology;

24        (c) Address the need for enhanced code training and enforcement;

25        (d) Include state strategies to support research, demonstration,  
26 and education programs designed to achieve a seventy percent reduction  
27 in annual net energy consumption as specified in section 5 of this act  
28 and enhance energy efficiency and on-site renewable energy production  
29 in buildings;

30        (e) Recommend incentives, education, training programs and  
31 certifications, particularly state-approved training or certification  
32 programs, joint apprenticeship programs, or labor-management  
33 partnership programs that train workers for energy-efficiency projects  
34 to ensure proposed programs are designed to increase building  
35 professionals' ability to design, construct, and operate buildings that  
36 will meet the seventy percent reduction in annual net energy  
37 consumption as specified in section 5 of this act;

1 (f) Address barriers for utilities to serve net zero energy homes  
2 and buildings and policies to overcome those barriers;

3 (g) Address the limits of a prescriptive code in achieving net zero  
4 energy use homes and buildings and propose a transition to performance-  
5 based codes;

6 (h) Identify financial mechanisms such as tax incentives, rebates,  
7 and innovative financing to motivate energy consumers to take action to  
8 increase energy efficiency and their use of on-site renewable energy.  
9 Such incentives, rebates, or financing options may consider the role of  
10 government programs as well as utility-sponsored programs;

11 (i) Address the adequacy of education and technical assistance,  
12 including school curricula, technical training, and peer-to-peer  
13 exchanges for professional and trade audiences;

14 (j) Develop strategies to develop and install district and  
15 neighborhood-wide energy systems that help meet net zero energy use in  
16 homes and buildings;

17 (k) Identify costs and benefits of energy efficiency measures on  
18 residential and nonresidential construction; and

19 (l) Investigate methodologies and standards for the measurement of  
20 the amount of embodied energy used in building materials.

21 (4) The department and the council shall convene a work group to  
22 inform the initial development of the strategic plan. Membership of  
23 the work group may include, but is not limited to, representatives  
24 from:

25 (a) A municipal code enforcement officer employed by a  
26 municipality;

27 (b) A residential builder, recommended by a statewide association  
28 representing residential contractors;

29 (c) A commercial builder, recommended by a statewide association  
30 representing commercial general contractors;

31 (d) An architect licensed in the state who is knowledgeable of  
32 environmentally sound building practices and standards, recommended by  
33 the American institute of architects Washington chapter;

34 (e) A professional engineer licensed in Washington state,  
35 recommended by a statewide association of structural engineers;

36 (f) A historic preservation representative, recommended by the  
37 Washington historic preservation commission, with experience

1 implementing the state's standards for the treatment of historic  
2 properties;

3 (g) A conservation group working in energy efficiency;

4 (h) The Northwest power planning and conservation council;

5 (i) An investor-owned utility providing electricity service;

6 (j) An investor-owned utility providing natural gas service;

7 (k) A public utility district;

8 (l) A municipal electric utility;

9 (m) An electric cooperative;

10 (n) A representative of the energy services companies industry;

11 (o) A representative from the legal profession;

12 (p) A representative from a financial institution or entity  
13 familiar with municipal bonds;

14 (q) An electrical engineer licensed in Washington state,  
15 recommended by a statewide association of electrical engineers;

16 (r) A consulting design firm working on building renewable energy  
17 solutions;

18 (s) A representative from a labor union representing workers in  
19 energy or building and construction industries or labor affiliates  
20 administering state-approved, joint apprenticeship programs or labor-  
21 management partnership programs that train workers for these  
22 industries;

23 (t) A representative of an equipment manufacturer;

24 (u) A mechanical HVAC engineer licensed in Washington state,  
25 recommended by a statewide association of mechanical HVAC engineers;

26 (v) A commercial or industrial developer, recommended by the  
27 national association of industrial office properties;

28 (w) A realtor, recommended by a statewide association of realtors;

29 (x) A construction materials supplier, recommended by a statewide  
30 aggregate and concrete association; and

31 (y) A rental housing property owner, recommended by a statewide  
32 multifamily housing association.

33 **Sec. 4.** RCW 19.27A.020 and 1998 c 245 s 8 are each amended to read  
34 as follows:

35 (1) (~~No later than January 1, 1991,~~) The state building code  
36 council shall adopt rules to be known as the Washington state energy  
37 code as part of the state building code.

1 (2) The council shall follow the legislature's standards set forth  
2 in this section to adopt rules to be known as the Washington state  
3 energy code. The Washington state energy code shall be designed to:

4 (a) Construct increasingly energy efficient homes and buildings  
5 that help achieve the broader goal of building zero fossil-fuel  
6 greenhouse gas emission homes and buildings by the year 2031;

7 (b) Require new buildings to meet a certain level of energy  
8 efficiency, but allow flexibility in building design, construction, and  
9 heating equipment efficiencies within that framework( (.—The Washington  
10 state energy code shall be designed to)); and

11 (c) Allow space heating equipment efficiency to offset or  
12 substitute for building envelope thermal performance.

13 (3) The Washington state energy code shall take into account  
14 regional climatic conditions. Climate zone 1 shall include all  
15 counties not included in climate zone 2. Climate zone 2 includes:  
16 Adams, Chelan, Douglas, Ferry, Grant, Kittitas, Lincoln, Okanogan, Pend  
17 Oreille, Spokane, Stevens, and Whitman counties.

18 (4) The Washington state energy code for residential buildings  
19 shall (~~require:~~

20 ~~(a) New residential buildings that are space heated with electric~~  
21 ~~resistance heating systems to achieve energy use equivalent to that~~  
22 ~~used in typical buildings constructed with:~~

23 ~~(i) Ceilings insulated to a level of R-38. The code shall contain~~  
24 ~~an exception which permits single rafter or joist vaulted ceilings~~  
25 ~~insulated to a level of R-30 (R value includes insulation only);~~

26 ~~(ii) In zone 1, walls insulated to a level of R-19 (R value~~  
27 ~~includes insulation only), or constructed with two by four members,~~  
28 ~~R-13 insulation batts, R-3.2 insulated sheathing, and other normal~~  
29 ~~assembly components; in zone 2 walls insulated to a level of R-24 (R~~  
30 ~~value includes insulation only), or constructed with two by six~~  
31 ~~members, R-22 insulation batts, R-3.2 insulated sheathing, and other~~  
32 ~~normal construction assembly components; for the purpose of determining~~  
33 ~~equivalent thermal performance, the wall U-value shall be 0.058 in zone~~  
34 ~~1 and 0.044 in zone 2;~~

35 ~~(iii) Below grade walls, insulated on the interior side, to a level~~  
36 ~~of R-19 or, if insulated on the exterior side, to a level of R-10 in~~  
37 ~~zone 1 and R-12 in zone 2 (R value includes insulation only);~~

1       ~~(iv) Floors over unheated spaces insulated to a level of R-30 (R~~  
2 ~~value includes insulation only);~~  
3       ~~(v) Slab on grade floors insulated to a level of R-10 at the~~  
4 ~~perimeter;~~  
5       ~~(vi) Double glazed windows with values not more than U-0.4;~~  
6       ~~(vii) In zone 1 the glazing area may be up to twenty one percent of~~  
7 ~~floor area and in zone 2 the glazing area may be up to seventeen~~  
8 ~~percent of floor area where consideration of the thermal resistance~~  
9 ~~values for other building components and solar heat gains through the~~  
10 ~~glazing result in thermal performance equivalent to that achieved with~~  
11 ~~thermal resistance values for other components determined in accordance~~  
12 ~~with the equivalent thermal performance criteria of (a) of this~~  
13 ~~subsection and glazing area equal to fifteen percent of the floor area.~~  
14 ~~Throughout the state for the purposes of determining equivalent thermal~~  
15 ~~performance, the maximum glazing area shall be fifteen percent of the~~  
16 ~~floor area; and~~  
17       ~~(viii) Exterior doors insulated to a level of R-5; or an exterior~~  
18 ~~wood door with a thermal resistance value of less than R-5 and values~~  
19 ~~for other components determined in accordance with the equivalent~~  
20 ~~thermal performance criteria of (a) of this subsection.~~  
21       ~~(b) New residential buildings which are space heated with all other~~  
22 ~~forms of space heating to achieve energy use equivalent to that used in~~  
23 ~~typical buildings constructed with:~~  
24       ~~(i) Ceilings insulated to a level of R-30 in zone 1 and R-38 in~~  
25 ~~zone 2 the code shall contain an exception which permits single rafter~~  
26 ~~or joist vaulted ceilings insulated to a level of R-30 (R value~~  
27 ~~includes insulation only);~~  
28       ~~(ii) Walls insulated to a level of R-19 (R value includes~~  
29 ~~insulation only), or constructed with two by four members, R-13~~  
30 ~~insulation batts, R-3.2 insulated sheathing, and other normal assembly~~  
31 ~~components;~~  
32       ~~(iii) Below grade walls, insulated on the interior side, to a level~~  
33 ~~of R-19 or, if insulated on the exterior side, to a level of R-10 in~~  
34 ~~zone 1 and R-12 in zone 2 (R value includes insulation only);~~  
35       ~~(iv) Floors over unheated spaces insulated to a level of R-19 in~~  
36 ~~zone 1 and R-30 in zone 2 (R value includes insulation only);~~  
37       ~~(v) Slab on grade floors insulated to a level of R-10 at the~~  
38 ~~perimeter;~~



1       ~~(vi) Heat pumps with a minimum heating season performance factor~~  
2 ~~(HSPF) of 6.8 or with all other energy sources with a minimum annual~~  
3 ~~fuel utilization efficiency (AFUE) of seventy-eight percent;~~

4       ~~(vii) Double glazed windows with values not more than U-0.65 in~~  
5 ~~zone 1 and U-0.60 in zone 2. The state building code council, in~~  
6 ~~consultation with the department of community, trade, and economic~~  
7 ~~development, shall review these U-values, and, if economically~~  
8 ~~justified for consumers, shall amend the Washington state energy code~~  
9 ~~to improve the U-values by December 1, 1993. The amendment shall not~~  
10 ~~take effect until July 1, 1994; and~~

11       ~~(viii) In zone 1, the maximum glazing area shall be twenty one~~  
12 ~~percent of the floor area. In zone 2 the maximum glazing area shall be~~  
13 ~~seventeen percent of the floor area. Throughout the state for the~~  
14 ~~purposes of determining equivalent thermal performance, the maximum~~  
15 ~~glazing area shall be fifteen percent of the floor area.~~

16       ~~(c) The requirements of (b)(ii) of this subsection do not apply to~~  
17 ~~residences with log or solid timber walls with a minimum average~~  
18 ~~thickness of three and one half inches and with space heat other than~~  
19 ~~electric resistance.~~

20       ~~(d) The state building code council may approve an energy code for~~  
21 ~~pilot projects of residential construction that use innovative energy~~  
22 ~~efficiency technologies intended to result in savings that are greater~~  
23 ~~than those realized in the levels specified in this section.~~

24       ~~(5) U-values for glazing shall be determined using the area~~  
25 ~~weighted average of all glazing in the building. U-values for vertical~~  
26 ~~glazing shall be determined, certified, and labeled in accordance with~~  
27 ~~the appropriate national fenestration rating council (NFRC) standard,~~  
28 ~~as determined and adopted by the state building code council.~~  
29 ~~Certification of U-values shall be conducted by a certified,~~  
30 ~~independent agency licensed by the NFRC. The state building code~~  
31 ~~council may develop and adopt alternative methods of determining,~~  
32 ~~certifying, and labeling U-values for vertical glazing that may be used~~  
33 ~~by fenestration manufacturers if determined to be appropriate by the~~  
34 ~~council. The state building code council shall review and consider the~~  
35 ~~adoption of the NFRC standards for determining, certifying, and~~  
36 ~~labeling U-values for doors and skylights when developed and published~~  
37 ~~by the NFRC. The state building code council may develop and adopt~~  
38 ~~appropriate alternative methods for determining, certifying, and~~

1 ~~labeling U-values for doors and skylights. U-values for doors and~~  
2 ~~skylights determined, certified, and labeled in accordance with the~~  
3 ~~appropriate NFRC standard shall be acceptable for compliance with the~~  
4 ~~state energy code. Sealed insulation glass, where used, shall conform~~  
5 ~~to, or be in the process of being tested for, ASTM E-774-81 class A or~~  
6 ~~better)) be the 2006 edition of the Washington state energy code, or as~~  
7 ~~amended by rule by the council.~~

8 ((+6)) (5) The minimum state energy code for new nonresidential  
9 buildings shall be the Washington state energy code, ((1986)) 2006  
10 edition, or as amended by the council by rule.

11 ((+7)) (6)(a) Except as provided in (b) of this subsection, the  
12 Washington state energy code for residential structures shall preempt  
13 the residential energy code of each city, town, and county in the state  
14 of Washington.

15 (b) The state energy code for residential structures does not  
16 preempt a city, town, or county's energy code for residential  
17 structures which exceeds the requirements of the state energy code  
18 ((and which was adopted by the city, town, or county prior to March 1,  
19 1990. Such cities, towns, or counties may not subsequently amend their  
20 energy code for residential structures to exceed the requirements  
21 adopted prior to March 1, 1990)).

22 ((+8)) (7) The state building code council shall consult with the  
23 department of community, trade, and economic development as provided in  
24 RCW 34.05.310 prior to publication of proposed rules. ((The department  
25 of community, trade, and economic development shall review the proposed  
26 rules for consistency with the guidelines adopted in subsection (4) of  
27 this section.)) The director of the department of community, trade,  
28 and economic development shall recommend to the state building code  
29 council any changes necessary to conform the proposed rules to the  
30 requirements of this section.

31 (8) The state building code council shall evaluate and consider  
32 adoption of the international energy conservation code in Washington  
33 state in place of the existing state energy code.

34 (9) The definitions in section 2 of this act apply throughout this  
35 section.

36 NEW SECTION. Sec. 5. (1) Except as provided in subsection (2) of  
37 this section, residential and nonresidential construction permitted

1 under the 2031 state energy code must achieve a seventy percent  
2 reduction in annual net energy consumption, using the adopted 2006  
3 Washington state energy code as a baseline.

4 (2) The council shall adopt state energy codes from 2013 through  
5 2031 that incrementally move towards achieving the seventy percent  
6 reduction in annual net energy consumption as specified in subsection  
7 (1) of this section. The council shall report its progress by December  
8 31, 2012, and every three years thereafter. If the council determines  
9 that economic, technological, or process factors would significantly  
10 impede adoption of or compliance with this subsection, the council may  
11 defer the implementation of the proposed energy code update and shall  
12 report its findings to the legislature by December 31st of the year  
13 prior to the year in which those codes would otherwise be enacted.

14 NEW SECTION. **Sec. 6.** (1) On and after January 1, 2010, qualifying  
15 utilities shall maintain records of the energy consumption data of all  
16 nonresidential and qualifying public agency buildings to which they  
17 provide service. This data must be maintained for at least the most  
18 recent twelve months in a format compatible for uploading to the United  
19 States environmental protection agency's energy star portfolio manager.

20 (2) On and after January 1, 2010, upon the written authorization or  
21 secure electronic authorization of a nonresidential building owner or  
22 operator, a qualifying utility shall upload the energy consumption data  
23 for the accounts specified by the owner or operator for a building to  
24 the United States environmental protection agency's energy star  
25 portfolio manager in a form that does not disclose personally  
26 identifying information.

27 (3) In carrying out the requirements of this section, a qualifying  
28 utility shall use any method for providing the specified data in order  
29 to maximize efficiency and minimize overall program cost. Qualifying  
30 utilities are encouraged to consult with the United States  
31 environmental protection agency and their customers in developing  
32 reasonable reporting options.

33 (4) Disclosure of nonpublic nonresidential benchmarking data and  
34 ratings required under subsection (5) of this section will be phased in  
35 as follows:

36 (a) By January 1, 2011, for buildings greater than fifty thousand  
37 square feet; and

1 (b) By January 1, 2012, for buildings greater than ten thousand  
2 square feet.

3 (5) Based on the size guidelines in subsection (4) of this section,  
4 a building owner or operator, or their agent, of a nonresidential  
5 building shall disclose the United States environmental protection  
6 agency's energy star portfolio manager benchmarking data and ratings to  
7 a prospective buyer, lessee, or lender for the most recent continuously  
8 occupied twelve-month period. A building owner or operator, or their  
9 agent, who delivers United States environmental protection agency's  
10 energy star portfolio manager benchmarking data and ratings to a  
11 prospective buyer, lessee, or lender is not required to provide  
12 additional information regarding energy consumption, and the  
13 information is deemed to be adequate to inform the prospective buyer,  
14 lessee, or lender regarding the United States environmental protection  
15 agency's energy star portfolio manager benchmarking data and ratings  
16 for the most recent twelve-month period for the building that is being  
17 sold, leased, financed, or refinanced.

18 (6) Notwithstanding subsections (4) and (5) of this section,  
19 nothing in this section increases or decreases the duties, if any, of  
20 a building owner, operator, or their agent under this chapter or alters  
21 the duty of a seller, agent, or broker to disclose the existence of a  
22 material fact affecting the real property.

23 NEW SECTION. **Sec. 7.** By December 31, 2009, the department shall  
24 recommend to the legislature a methodology to determine an energy  
25 performance score for residential buildings and an implementation  
26 strategy to use such information to improve the energy efficiency of  
27 the state's existing housing supply. In developing its strategy, the  
28 department shall seek input from providers of residential energy  
29 audits, utilities, building contractors, mixed use developers, the  
30 residential real estate industry, and real estate listing and form  
31 providers.

32 NEW SECTION. **Sec. 8.** (1) By July 1, 2010, each qualifying public  
33 agency shall:

34 (a) Create an energy benchmark for each reporting public facility  
35 using a portfolio manager;

1 (b) Report to general administration, the environmental protection  
2 agency national energy performance rating for each reporting public  
3 facility included in the technical requirements for this rating; and

4 (c) Link all portfolio manager accounts to the state portfolio  
5 manager master account to facilitate public reporting.

6 (2) By January 1, 2010, general administration shall establish a  
7 state portfolio manager master account. The account must be designed  
8 to provide shared reporting for all reporting public facilities.

9 (3) By July 1, 2010, general administration shall select a  
10 standardized portfolio manager report for reporting public facilities.  
11 General administration, in collaboration with the United States  
12 environmental protection agency, shall make the standard report of each  
13 reporting public facility available to the public through the portfolio  
14 manager web site.

15 (4) General administration shall prepare a biennial report  
16 summarizing the statewide portfolio manager master account reporting  
17 data. The first report must be completed by December 1, 2012.  
18 Subsequent reporting shall be completed every two years thereafter.

19 (5) By July 1, 2010, general administration shall develop a  
20 technical assistance program to facilitate the implementation of a  
21 preliminary audit and the investment grade energy audit. General  
22 administration shall design the technical assistance program to utilize  
23 audit services provided by utilities or energy services contracting  
24 companies when possible.

25 (6) For each reporting public facility with a national energy  
26 performance rating score below fifty, the qualifying public agency, in  
27 consultation with general administration, shall undertake a preliminary  
28 energy audit by July 1, 2011. If potential cost-effective energy  
29 savings are identified, an investment grade energy audit must be  
30 completed by July 1, 2013. Implementation of cost-effective energy  
31 conservation measures are required by July 1, 2016. For a major  
32 facility that is leased by a state agency, college, or university,  
33 energy audits and implementation of cost-effective energy conservation  
34 measures are required only for that portion of the facility that is  
35 leased by the state agency, college, or university.

36 (7) Schools are strongly encouraged to follow the provisions in  
37 subsections (1) through (6) of this section.

1 (8) The director of the department of general administration, in  
2 consultation with the affected state agencies and the office of  
3 financial management, shall review the cost and delivery of agency  
4 programs to determine the viability of relocation when a facility  
5 leased by the state has a national energy performance rating score  
6 below fifty. The department of general administration shall establish  
7 a process to determine viability.

8 (9) By July 1, 2011, general administration shall conduct a review  
9 of facilities not covered by the national energy performance rating.  
10 Based on this review, general administration shall develop a portfolio  
11 of additional facilities that require preliminary energy audits. For  
12 these facilities, the qualifying public agency, in consultation with  
13 general administration, shall undertake a preliminary energy audit by  
14 July 1, 2012. If potential cost-effective energy savings are  
15 identified, an investment grade energy audit must be completed by July  
16 1, 2013.

17 NEW SECTION. **Sec. 9.** Sections 2, 3, and 5 through 8 of this act  
18 are each added to chapter 19.27A RCW.

19 NEW SECTION. **Sec. 10.** Provisions of sections 3, 7, and 8 of this  
20 act shall be in effect only during fiscal periods in which specific  
21 appropriations are provided referencing this act or chapter number and  
22 the relevant section number."

**2SSB 5854** - S AMD  
By Senators Kilmer, Hargrove, Rockefeller

**ADOPTED 03/10/2009**

23 On page 1, line 2 of the title, after "environment;" strike the  
24 remainder of the title and insert "amending RCW 19.27A.020; adding new  
25 sections to chapter 19.27A RCW; and creating new sections."

EFFECT: Clarifies the requirements for release of information by

utilities and disclosure of information by building owners.

Requires department of general administration, the office of financial management, and state agencies to review costs and viability of relocating when a lease building has a portfolio manager score below 50. Requires the department of general administration to establish a process to determine viability.

Increases the membership of the workgroup developing a strategic plan for enhancing energy efficiency and reducing greenhouse gas emissions.

Adds a definition for energy consumption data.

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